

Sortase A

Week 3

Summarized below are the experiments conducted this week in chronological order. Click on the experiment name to view it. To go back to this summary, click **Summary** in the footer.

Summary

1	Glycerol stocks of Sortase A expressing S.aureus Newman strain	2
2	DNA extraction of S.aureus genome	2

1 Glycerol stocks of Sortase A expressing S.aureus Newman strain

Responsible

Aman Mebrahtu, Bethel Tesfai Embaie, Maren Maanja and Reskandi Rudjito

Protocols used

Glycerol stocks

Modifications and comments to protocols

Glycerol stocks were made in TSB and BHI Solutions.

Results and Conclusions

Glycerol Stocks were stored at -80°C

2 DNA extraction of S.aureus genome

Responsible

Aman Mebrahtu, Bethel Tesfai Embaie, Maren Maanja and Reskandi Rudjito

Protocols used

DNA Extraction

Modifications to protocols

No modifications were made to the protocol.

Experimental Data

Table 1: Concentration of samples after PCR Purification, measured with NanoDrop at 280 nm. E1 and E2 represent first and second elution of samples following extractions.

Sample	Concentration [ng/ul]
DNA 1 E1	218.4
DNA 1 E2	55
DNA 2 E1	149.4
DNA 2 E2	86.1

Results and Conclusions

S.aureus genome was successfully extracted from cells. Subsequent steps aims to isolate Sortase A gene, through PCR with appropriated primers.